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Ben Nun

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(54) **ACCOMMODATING LENS ASSEMBLY**

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(30) **Foreign Application Priority Data**

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(58) **Field of Classification Search** 623/6.11–6.56; 128/898

See application file for complete search history.

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(57) **ABSTRACT**

An intraocular lens system for implantation in the human eye, haptic system and method include an intraocular lens formed of a transparent biocompatible material for replacing the natural lens of the eye. The lens includes an outer periphery and an optical axis. There is a haptic system for securely anchoring the intraocular lens in the posterior chamber of the eye. The haptic system includes at least two haptic portions formed of a rigid biocompatible material that are connected to and extend outwardly from the outer periphery the lens in a plane substantially perpendicular to the optical axis of the lens for holding the lens in the eye. Each haptic portion has an outer edge that is sized and shaped to extend from the lens to the scleral wall of the posterior chamber of the eye. The outer edge of each haptic portion has an anchor that includes teeth that are configured with pointed ends that can be forcibly moved into the scleral wall between the ciliary body and iris for anchoring the lens in place in the eye.

4 Claims, 3 Drawing Sheets